

Application No.: 09/879,448

Filing Date: June 12, 2001

Docket No.: 2001B056

Page 2

31. (Amended) A method of making a film comprising the steps of:

- (1) coextruding a film through a die wherein the film comprises a core layer comprising a polyolefin wherein the core layer comprises the interior of the film; a first transition layer comprising a polyolefin and a silicone additive, wherein the first transition layer is exterior to the core layer; and a first skin layer comprising a polyolefin, and being substantially free of a silicone additive, wherein the first skin layer is exterior to the first transition layer, and wherein said the first skin layer is exterior to the core layer, and wherein the first transition layer is between the core layer and the first skin layer;
- (2) cooling/quenching the film; and
- (3) surface treating one or more exposed surfaces of the film with a corona, flame, or plasma treatment.

52. (Amended) A thermoplastic film comprising:

- (a) a core layer comprising a polypropylene homopolymer wherein the core layer comprises the interior of the film;
- (b) a first transition layer comprising a material selected from the group consisting of ethylene-propylene-butylene (EPB) terpolymers, ethylene-propylene (EP) copolymers, propylene-butylene random copolymers, linear low density polyethylenes, polypropylene homopolymer, and blends thereof; and a silicone additive, wherein the first transition layer is exterior to the core layer, and wherein the silicone additive has a viscosity greater than about 1,000,000 centistokes;
- (c) a first skin layer comprising a material selected from the group consisting of ethylene-propylene-butylene (EPB) terpolymers, ethylene-propylene (EP) copolymers, propylene-butylene random copolymers, linear low density polyethylenes, and blends thereof, wherein the first transition layer is between the first skin layer and the core layer; and
- (d) a second skin layer comprising a material selected from the group consisting of ethylene-propylene-butylene (EPB) terpolymers, ethylene-propylene (EP) copolymers,

Application No.: 09/879,448

Filing Date: June 12, 2001

Docket No.: 2001B056

Page 3

propylene-butylene (PB) random copolymers, linear low density polyethylenes, high density polyethylenes, medium density polyethylenes, polypropylene homopolymers, amorphous polyamides, EVOH copolymers and blends thereof, wherein the second skin layer is exterior to said core layer and on a side of said core opposite to said first transition layer and first skin layer.

56. (Amended) The film of claim 52 further comprising a second transition layer, wherein said second transition layer is between said core layer and said second skin layer, and wherein said second transition layer comprises a silicon additive and a material selected from the group consisting of ethylene-propylene-butylene (EPB) terpolymers, ethylene-propylene (EP) copolymers, propylene-butylene random copolymers, polypropylene homopolymer, and blends thereof.

58. (Amended) The film of claim 52 a second transition layer, wherein said second transition layer is between said core layer and said second skin layer, and wherein said second transition layer comprises a material selected from the group consisting of polypropylene homopolymer, maleic anhydride grafted polypropylene, and blends thereof.

60. (Amended) A thermoplastic film comprising:

- (a) a core layer comprising a polyolefin wherein the core layer comprises the interior of the film;
- (b) a first transition layer comprising a polyolefin and a silicone additive, wherein the first transition layer is exterior to the core layer; and
- (c) a first skin layer comprising a polyolefin wherein the first skin layer is exterior to the first transition layer and the core layer, and wherein the first skin layer has an exposed surface and wherein the exposed surface of the first skin layer is subjected to a treatment selected from the group consisting of corona discharge, plasma, and flame,

Application No.: 09/879,448

Filing Date: June 12, 2001

Docket No.: 2001B056

Page 4

wherein the film has a seal strength of said first skin layer of at least about 200 grams per inch and has a coefficient of friction of at most about 0.65,
and wherein the first transition layer is between the first skin layer and the core layer.